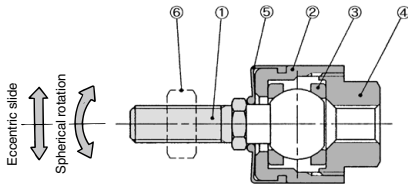
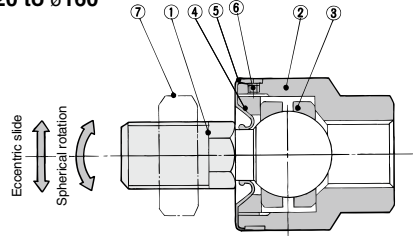


Construction

ø6 to ø15



ø20 to ø160



Component Parts

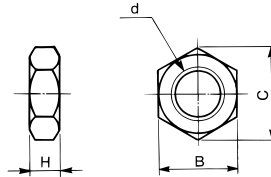
No.	Description	Material	Note
1	Stud	Free-cutting steel	Electroless nickel plated
2	Case	Brass	Electroless nickel plated
3	Ring	Stainless steel	
4	Socket	Brass	Electroless nickel plated
5	Dust cover	Synthetic rubber	
6	Rod end nut	Low carbon steel wire rod	Zinc chromated

No.	Description	Material	Note
1	Stud	Chromium molybdenum steel	Dyed black
2	Case	Carbon steel	Black zinc chromated
3	Ring	Chromium molybdenum steel	
4	Cap	Carbon steel	Black zinc chromated
5	Dust cover	Synthetic rubber	
6	Set screw	Carbon steel	Zinc chromated
7	Rod end nut	Carbon steel	Zinc chromated
8	Flange	Rolled steel	Black zinc chromated
9	Foot	Rolled steel	Black zinc chromated

Accessory Dimensions

Rod end nut

One rod end nut is supplied with the JA series or JAH basic type. If additional nuts are needed, please order them using the part no. shown below.



Model	Order no.	d: Thread nominal size	H	B	C
JA6-3-050	DA00201	M3x0.5	2.4	5.5	6.4
JA10-4-070	DA00117	M4x0.7	3.2	7	8.1
JA15-5-080	DA00118	M5x0.8	4	8	9.2
JA15-6-100	DA00119	M6x1	5	10	11.5
JA20-8-100	DA00207	M8x1	5	13	15
JA20-8-125	DA00169	M8x1.25	5	13	15
JA32-10-100	DA00141	M10x1	6	17	19.6
JA30-10-125	DA00142	M10x1.25	6	17	19.6
JA25-10-150	DA00140	M10x1.5	6	17	19.6
JA40-12-125	DA00145	M12x1.25	7	19	21.9
JA40-12-150	DA00146	M12x1.5	7	19	21.9
JA40-12-175	DA00143	M12x1.75	7	19	21.9
JA40-14-150	DA00148	M14x1.5	8	22	25.4
JA50-16-150	DA00151	M16x1.5	10	24	27.7
JAH40-16-150			10	24	27.7
JA63-16-200	DA00150	M16x2	10	24	27.7
JA63-18-150	DA00153	M18x1.5	11	27	31.2

Model	Order no.	d: Thread nominal size	H	B	C
JAH50-20-150	DA00155	M20x1.5	12	30	34.6
JA80-20-250	DA00154	M20x2.5	12	30	34.6
JA80-22-150	DA00156	M22x1.5	13	32	37
JAH63-24-150	DA00158	M24x1.5	14	36	41.6
JAH63-24-200	DA00159	M24x2	14	36	41.6
JA100-24-300	DA00157	M24x3	14	36	41.6
JA100-26-150	DA00160	M26x1.5	16	41	47.3
JA100-27-150	DA00161	M27x1.5	16	41	47.3
JA125-27-200	DA00162	M27x2	16	41	47.3
JA140-30-150	DA00224	M30x1.5	18	46	53.1
JAH80-30-150			18	46	53.1
JAH80-30-200	DA00163	M30x2	18	46	53.1
JA160-33-200	DA00225	M33x2	20	50	57.7
JA160-36-150	DA00164	M36x1.5	21	55	63.5
JAH100-39-150	DA00204	M39x1.5	23	60	69.3
JAH100-42-300	DA00165	M42x3	25	65	75
JAH100-48-150	DA00205	M48x1.5	29	75	86.5

Floating Joint Replacement Parts

Dust cover

Order with the following part no. if dust cover is damaged.
Replaceable dust cover is only for the basic type. Flange type and foot type cannot be replaced.

Part no. for dust cover	Applicable model
P2152051	JA6, JA10
P2152052	JA15, JB12, JB16
P215215	JA20, JB20
P215225	JA30, JB30
P215235	JA40, JB40
P215245	JA63, JA50, JB63

Part no. for dust cover	Applicable model
P215255	JA80, JAH40, JB80
P215265	JA100, JAH50, JB100
P215275	JA125, JAH63
P215285	JA140, JAH80, JB140
P215295	JA160, JAH100, JB160

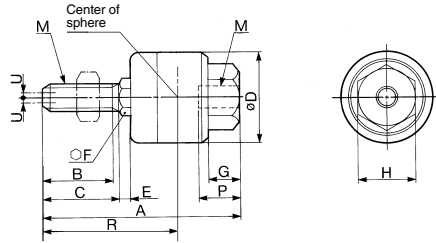
D-□

-X□

Technical Data

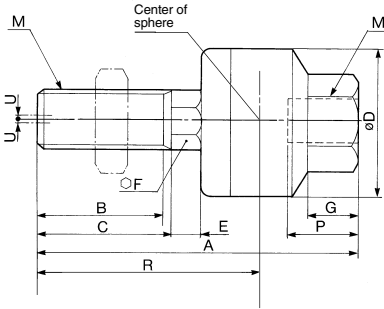
Basic Type: JA6 to JA160

JA6 to 15

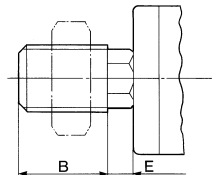
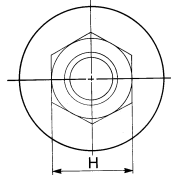


Use the precision spanner for clock 4 mm in the case of mounting male thread of JA6 and JA10.

JA20 to 160



Without C-dimension



(mm)																
Applicable bore size (mm)	Model	M		A	B	C	D	E	F	G	H	Center of sphere R	Maximum thread depth P	Allowable eccentricity U	Maximum operating tension and compression force (N)	Weight (kg)
		Nominal size	Pitch													
Standard Pneumatic: Up to 1 MPa Hydraulic: Up to 3.5 MPa																
6	JA6-3-050	3	0.5	23.2	7	8	12	1.5	4	3.2	5.5	15	5	0.5	19	0.01
10 (CJ1)	JA10-4-070	4	0.7	26	9	10	12	1.5	4	4	7	17	5.5	0.5	54	0.01
10 (CZ1), 15 (CJ1)	JA15-5-080	5	0.8	34.5	12.5	14	16	2	6	5	10	23	7	0.5	123	0.02
15 (CZ1)	JA15-6-100	6	1	34.5	12.5	14	16	2	6	5	10	23	7	0.5	123	0.02
20	JA20-8-125	8	1.25	44	17.5	—	21	4.5	7	7	13	30.5	8	0.5	1100	0.05
25, 32	JA30-10-125	10	1.25	49.5	19.5	—	24	5	8	8	17	34	9	0.5	2500	0.07
40	JA40-14-150	14	1.5	60	20	—	31	6	11	11	22	38	13	0.75	4400	0.16
50, 63	JA63-18-150	18	1.5	74.5	25	—	41	7.5	14	13.5	27	47.5	15	1	11000	0.31
80	JA80-22-150	22	1.5	89.5	29	—	50	9.5	19	16	32	56.5	18	1.25	18000	0.58
100	JA100-26-150	26	1.5	110	35	—	59.5	11.5	24	20	41	68	24	2	28000	1.08
125, 140	JA140-30-150	30	1.5	152	42	45	79	14	30	22	46	94.5	38	2.5	54000	2.7
160	JA160-36-150	36	1.5	178	52	55	96	16	36	24	55	112	42	3	71000	4.7

Semi-standard Pneumatic: Up to 1 MPa Hydraulic: Up to 3.5 MPa

20	JA20-8-100	8	1	44	17.5	—	21	4.5	7	7	13	30.5	8	0.5	1100	0.05
25	JA25-10-150	10	1.5	49.5	19.5	—	24	5	8	8	17	34	9	0.5	2500	0.07
32	JA32-10-100	10	1	49.5	19.5	—	24	5	8	8	17	34	9	0.5	2500	0.07
32, 40	JA40-12-125	12	1.25	60	20	—	31	6	11	11	22	38	13	0.75	4400	0.16
40	JA40-12-150	12	1.5	60	20	—	31	6	11	11	22	38	13	0.75	4400	0.16
32, 40	JA40-12-175	12	1.75	60	20	—	31	6	11	11	22	38	13	0.75	4400	0.16
50	JA50-16-150	16	1.5	71.5	22	—	41	7.5	14	13.5	27	44.5	15	1	11000	0.3
50, 63	JA63-16-200	16	2	71.5	22	—	41	7.5	14	13.5	27	44.5	15	1	11000	0.3
80	JA80-20-250	20	2.5	90.5	27	30	50	9.5	19	16	32	57.5	18	1.25	18000	0.6
100	JA100-24-300	24	3	110	32	35	59.5	11.5	24	20	41	68	24	2	28000	1.05
100	JA100-27-150	27	1.5	110	35	—	59.5	11.5	24	20	41	68	24	2	28000	1.08
125	JA125-27-200	27	2	123	34	38	66	13	24	20	41	77	24	2	28000	1.5
160	JA160-33-200	33	2	165	38	42	96	16	36	24	55	99	42	3	71000	4.5